

# FIRE PROTECTION SYSTEM INSTALLATION & DESIGN GUIDE



**TUKWILA FIRE MARSHAL'S OFFICE**

JULY 2021





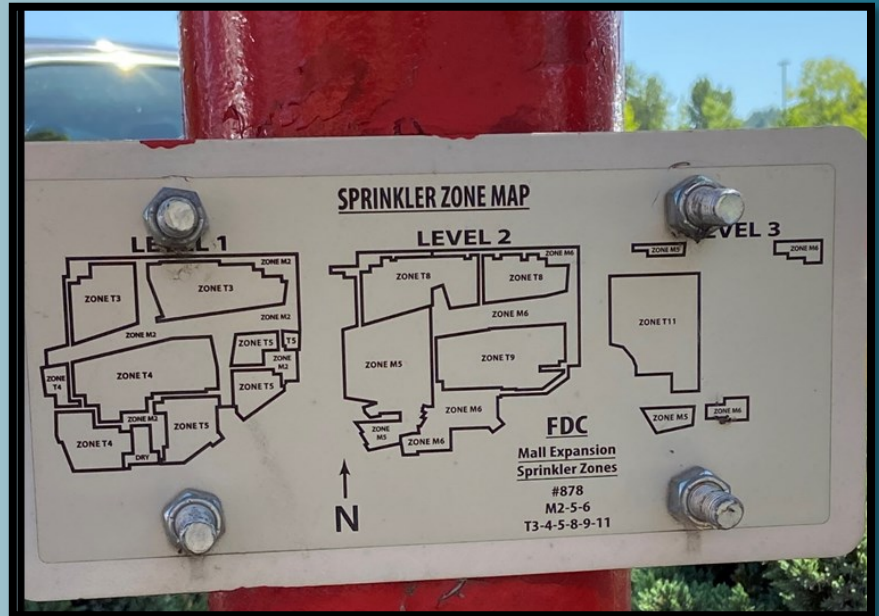
**FDC PORT AT 30°  
DOWNWARD BEND**



**KNOX 5" LOCKING FDC  
STORZ CAP**



EXAMPLE OF FIRE SPRINKLER  
ZONE MAP FOR FDC AND SPRINKLER RISERS





# CLICK-2-ENTER GATE ACCESS





**FIRE ALARM BELL STROBE ON STREET-SIDE OF  
BUILDING**





## BUILDING ADDRESS ON POST-INDICATOR VALVE (PIV)





## BUILDING ADDRESS ON THE FIRE DEPARTMENT CONNECTION (FDC)





## ADDRESSING AND PUMP PRESSURE SIGNAGE FOR FIRE DEPARTMENT CONNECTIONS





**SIGNAGE FOR BUILDINGS EQUIPPED WITH EMERGENCY RESPONDER  
RADIO SYSTEM (ERRS)**

**ATTENTION**

**THIS BUILDING  
IS EQUIPPED  
WITH AN EMERGENCY  
RESPONDER SYSTEM.**

**Maintained by:**

**COMPANY NAME**

**PHONE NUMBER**





**SIGNAGE FOR ROOMS CONTAINING  
FIRE ALARM AND FIRE SPRINKLER  
COMPONENTS**

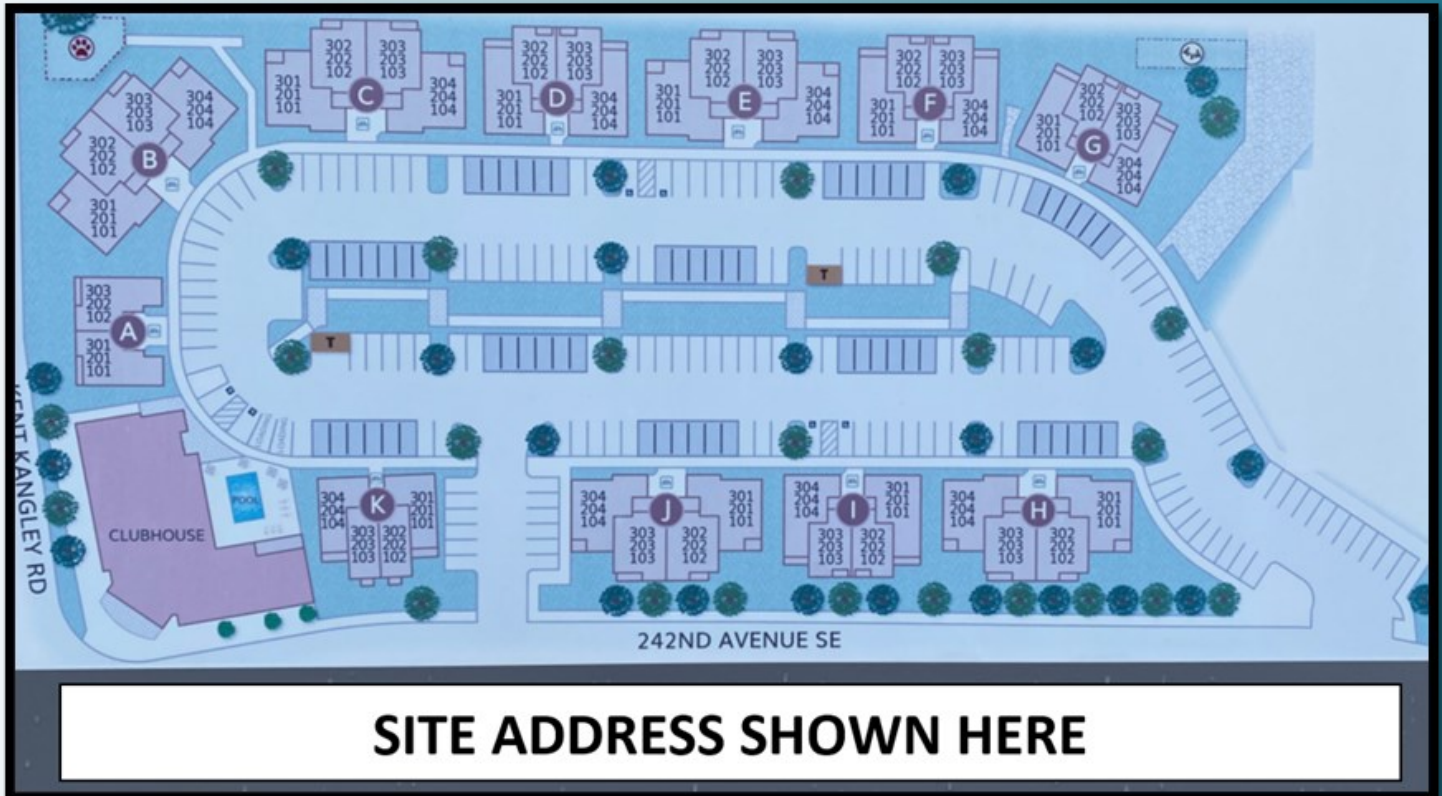


**ADDRESSING EXAMPLES FOR HOMES ACCESSED OFF PRIVATE DRIVE**





## ADDRESSING SITE MAP FOR PROPERTIES WITH MULTIPLE BUILDINGS





## 5" KNOX STORZ LOCKING CAP



FDC Locking Caps

### Knox Storz Locks & Adapters

Model: 5002

#### 1. Storz Lock Size

- ☐ 4 inch
- ☒ 5 inch

#### 2. Storz Set

- ☒ Cap
- ☐ Adapter & Cap
- ☐ Adapter

#### 3. Original Connection Size

- ☒ None
- ☐ 4 inch
- ☐ 6 inch
- ☐ 4.5 inch NPT

#### 4. Adapter Angle

- ☒ None
- ☐ Straight
- ☐ 30 Degree Elbow

#### 5. Adapter Face

- ☒ None
- ☐ Gasket
- ☐ Metal Face



## 2.5" KNOX LOCKING STANDPIPE CAP



### Standpipe Locks

# Knox Standpipe Lock

Model: 4011

## 1. Name

- Model 4011 - Standpipe Lock,  
Female Locking Cap, 3.068 X 7.5  
TPI



## KNOX PAD LOCK OPTIONS FOR MANUALLY OPERATED GATES





## KNOX REMOTE POWER DISCONNECT BOX SURFACE OR RECESSED MOUNTABLE



[KNOX REMOTE POWER BOX TECHNICAL SPECS](#)

**CEMENT PAD AROUND FIRE HYDRANT  
TO MAINTAIN PROPER CLEARANCE**



**BOLLARDS TO PROTECT FIRE HYDRANTS FROM VEHICLE IMPACT**





## EXAMPLES OF REMOVABLE BOLLARDS FOR A FIRE ACCESS ROAD





## IMPACT PROTECTION FOR GENERATOR FUEL TANKS





## EXAMPLE OF FIRE LANE STENCILING



## FIRE LANE STENCILING GUIDE

**EXAMPLES OF CASTER CHOCKS  
FOR COMMERCIAL COOKING EQUIPMENT**

